

Figure 1, Definition of symbols

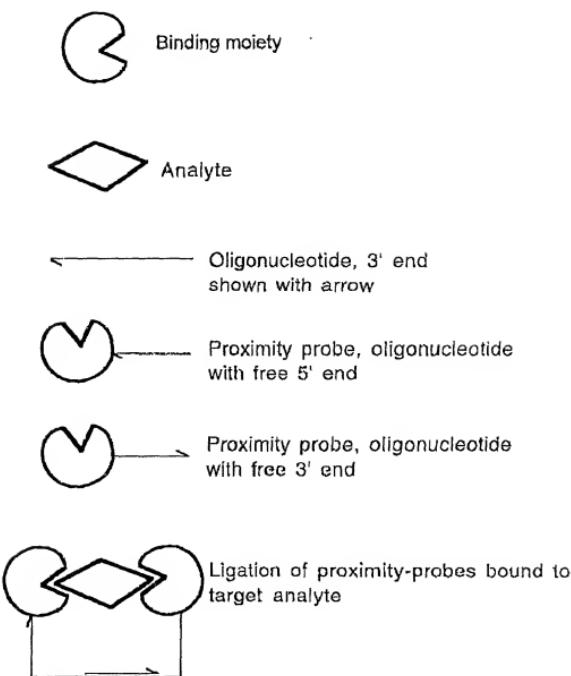


Figure 2. Template promoted ligation variants

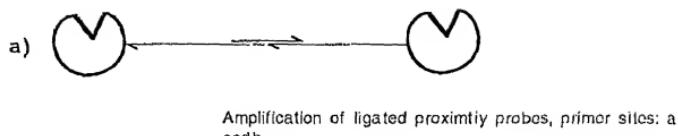


Figure 3. Fill-in polymerisation prior to ligation



Figure 4. Ligation of supplementary oligonucleotides, x and y, to the proximity-probe-hybridisation oligonucleotide z. Amplification primer sites a and b.

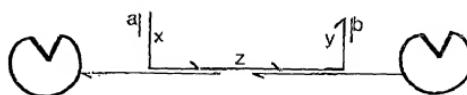


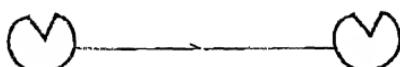
Figure 5. Generation of circular DNA, for rolling circle amplification



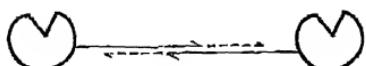
Figure 6. Priming of rolling circle amplification by a proximal oligonucleotide



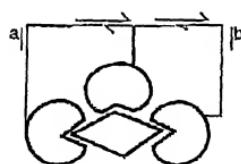
**Figure 7.** Template unassisted ligation by T4 RNA ligase

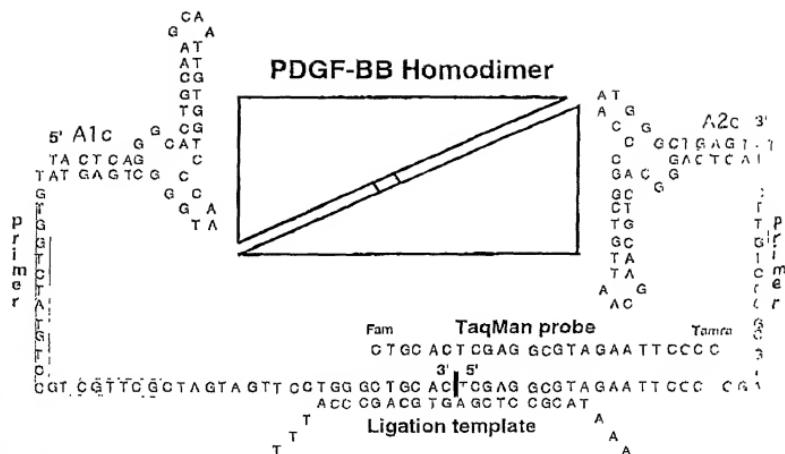


**Figure 8.** Both probes with free 3'- ends capable of hybridising to each other.



**Figure 9.** Requirement of two ligation events, using three binding moieties. Amplification primer sites a and b.





**Figure 10**

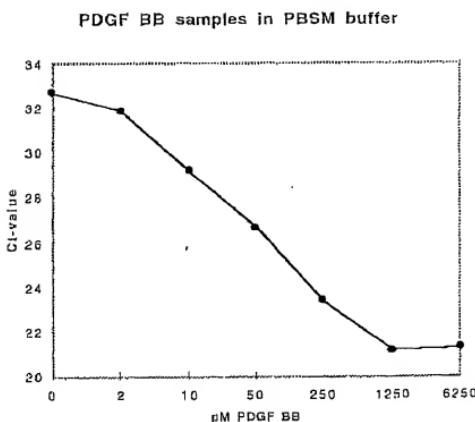


Figure 11

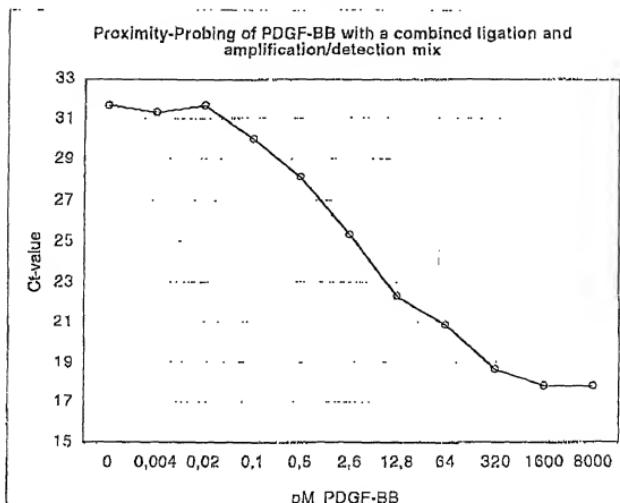


Figure 12

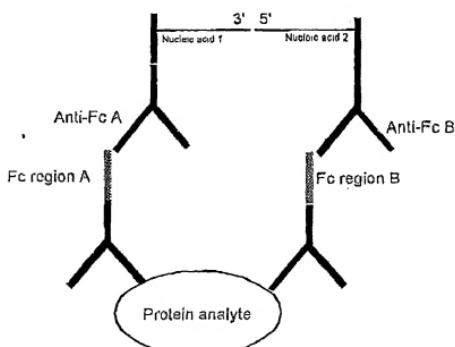


Figure 13

**Figure 14**